



Gary W. Rossow
Director
Government Technical Affairs

August 11, 2000

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Office of Defects Investigation, Room 5326
National Highway Traffic Safety Administration
400 Seventh St., S.W.
Washington, D.C. 20590

Attn: Jonathan D. White

Subject: Information Report, NHTSA No. 00V-002.001

In accordance with Title 49, Part 573, Freightliner LLC herewith submits an information report supplying supplemental information and copies of documents distributed to dealers and purchasers.

Sincerely,

A handwritten signature in black ink that reads "Gary W. Rossow".

Gary W. Rossow

Cc: Michael Mason, CAL-OSHA

Certified Mail No. Z 224 782 515

Section 573.5 Defect Information Report

Supplement No.: 1

Date: August 11, 2000

(c) (1) Manufacturer: FREIGHTLINER LLC
P.O. BOX 3848
Portland, Oregon 97208
(503) 735-8078

(c) (2) Vehicles Identification:
(ii) Model(s) affected: (Revise to read) Freightliner model FLDs and FLSs

(c) (3) Total number of vehicles potentially affected: (Revise to read) 33

(c) (9) Communications sent to dealers and owners:

Owner notification began on 6/28/00 and was completed 6/28/00

(c) (11) Manufacturer's campaign number: FL-248

June 2000
FL248AB U.S.
FC248AB Canada**ATTENTION: SERVICE MANAGER****Subject: Haldex Park Brake Valves****MODELS AFFECTED:** Freightliner FLD 120 and FMC 120 (steel 112 or FLC 112, not CC) model vehicles manufactured between June 1, 1997, and December 31, 1997, and equipped with Haldex manifold dash valves (MDV).**GENERAL INFORMATION**

Freightliner LLC, on behalf of its Freightliner Trucks Division, has determined that the vehicles noted above were built with defective park brake valves, manufactured by Haldex Brake Systems, that do not comply with Federal Motor Vehicle Safety Standard (FMVSS) 121.

There are approximately 235 Freightliner vehicles involved in this campaign.

If there is a failure of the park brake valve, it may not isolate the primary and secondary air systems. A subsequent failure of one of those systems could cause both reservoirs to lose air and, after warning for low air pressure, the spring brakes would automatically apply.

The modification consists of replacing the park brake valve.

WORK INSTRUCTIONS

Please refer to attached work instructions.

REPLACEMENT PARTS

Replacement kits are now available and can be obtained by ordering the kit number(s) listed below from your facing Parts Distribution Center.

If your dealership has ordered any vehicle(s) involved in campaign number FL248AB/FC248AB, a computer listing of the customers and vehicle identification numbers will be enclosed. Please refer to this list when ordering parts for this recall.

Refer to Table 1 for replacement kit 25-FL248-000.

25-FL248-000 (right-hand drive)

Campaign Number	Kit Number	Part Description	Part Number	Qty. per Kit	Suggested Wholesale*
FL248A/FC248A	25-FL248-000	Brake Valve	TDA RKN20601	1	\$176.34 U.S. \$321.84 CAN

* Please charge all Direct Warranty Customers the above-listed price for the kit, as they are authorized to perform their own recalls.

Table 1

Refer to Table 2 for replacement kit 25-FL248-001.

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25-FL248-001 (left-hand drive)

Campaign Number	Kit Number	Part Description	Part Number	Qty. per Kit	Suggested Wholesale*
FL248B/FC248B	25-FL248-001	Brake Valve	TDA RKN20812	1	\$188.09 U.S. \$308.32 CAN

* Please charge all Direct Warranty Customers the above-listed price for the kit, as they are authorized to perform their own recalls.

Table 2**REMOVED PARTS**

Please follow Warranty Failed Parts Tracking shipping instructions for the disposition of all removed parts.

LABOR ALLOWANCE

Refer to Table 3 for labor allowance.

Campaign Number	Procedure	Time Allowed (hours)	SRT Code	Damage Code
FL248A/FC248A	Remove and replace valve (right-hand drive vehicles)	0.8	898-0333A	000-Modifiedx
FL248B/FC248B	Remove and replace valve (left-hand drive vehicles)	2.8	898-0333B	000-Modifiedx

Table 3

IMPORTANT: When the modification has been completed, clean a spot on the passenger side door jamb and attach a completion sticker (Form W-147) referencing the modification number and date the work was performed.

CLAIMS FOR CREDIT

You will be reimbursed for your parts, labor, and handling by submitting your claim through the Warranty system. Please reference the following information in QuickClaims:

- Claim type is Recall.
- In the FSDOC field, enter the campaign number with the appropriate condition code (e.g. FL248A, FL248B, etc.).
- In the Primary Failed Part field, enter **25-FL248-000**.
- In the Parts field, enter the appropriate kit number(s) as shown in the Replacement Parts Tables.

NOTE: ServicePro®/Service Advisor® must be viewed prior to performing the modification to ensure the vehicle is involved and the modification has not been previously completed. Also, it is important to check for a completion sticker prior to performing the modification.

Contact the Warranty Campaigns Department at 1-800-547-0712, from 7:00 a.m. to 4:30 p.m. Pacific Time, or the Customer Assistance Center at 1-503-735-7877, after normal business hours, if you have any questions or need additional information.

To return excess kit inventory related to this campaign, please submit a Parts Authorization Return (PAR) to the Memphis PDC. All kits must be in resalable condition. PAR requests must include the original purchase invoice number.

The letter notifying vehicle owners is included for your reference.

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Please note that the National Traffic and Motor Vehicle Safety Act, as amended (49 USC), requires the owner's vehicle(s) be corrected within a reasonable time after parts are available to you. The Act states that failure to repair a vehicle within 60 days after tender for repair shall be prima facie evidence of an unreasonable time. However, circumstances of a particular situation may reduce the 60 day period. Failure to repair a vehicle within a reasonable time can result in either the obligation to: (a) replace the vehicle with an identical or reasonably equivalent vehicle, without charge or (b) refund the purchase price in full, less a reasonable allowance for depreciation. The Act further prohibits dealers from selling a vehicle unless all outstanding recalls are performed. Also, any lessor is required to send a copy of the recall notification to the lessee.

Finally, the Act states that a remedy need not be provided without charge if the vehicle was bought by the first purchaser more than eight (8) calendar years before notice is given.

WARRANTY CAMPAIGNS DEPARTMENT

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Copy of Letter to Owner

Subject: Haldex Park Brake Valves

Dear Freightliner Vehicle Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act and the Canadian Motor Vehicle Safety Act.

Freightliner LLC, on behalf of its Freightliner Trucks Division, has determined that the park brake valves, manufactured by Haldex Brake Systems and used on Freightliner FLD 120 and FMC 112 model vehicles manufactured between June 1, 1997, and December 31, 1997, and equipped with Haldex manifold dash valves (MDV), do not comply with Federal Motor Vehicle Safety Standard (FMVSS) 121.

If there is a failure of the park brake valve, it may not isolate the primary and secondary air systems. A subsequent failure of one of those systems could cause both reservoirs to lose air and, after warning for low air pressure, the spring brakes would automatically apply.

The modification consists of replacing the park brake valve.

Repair kits are now available for authorized dealers to order. You should contact your authorized dealer to arrange to have your vehicle(s) modified and to assure that parts are available. When you contact your dealer, refer to campaign number **FL248AB/FC248AB**. Once kit(s) are received at the dealership, the modification will take between 0.9 and 2.8 hours approximately and will be performed at no charge to you.

IMPORTANT: When the modification has been completed, please ensure that a sticker has been affixed to the passenger side door jamb of your vehicle referencing **FL248AB/FC248AB** and the date the work was performed.

If you do not own the vehicle that corresponds to the identification number(s) which appear on the Recall Notification, please return the notification to the Warranty Campaigns Department with any information you can furnish that will assist us in locating the present owner. If you have leased this vehicle, please make sure this notification is immediately forwarded to the lessee.

If you are unable to have the defect remedied without charge and within a reasonable time after you tender the vehicle for repair, please contact the Warranty Campaigns Department at 1-800-548-0712, 7:00 a.m. to 4:30 p.m. Pacific Time, or the Customer Assistance Center at 1-800-FTL-HELP, after normal business hours. You may also wish to notify the Administrator, National Highway Traffic Safety Administration, 400 7th Street S.W., Washington, D.C. 20590, or phone 1-800-424-9393. If your vehicle is involved in the Canadian portion, you may notify the Manager, Recall and Public Compliance, Road and Motor Vehicle Traffic Safety Branch, Transport Canada, Ottawa, Ontario, or phone 1-613-893-9851.

We regret any inconvenience this action may cause, but feel certain you understand our interest in motor vehicle safety.

WARRANTY CAMPAIGNS DEPARTMENT

Enclosure

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Work Instructions

Subject: Haldex Park Brake Valves

MODELS AFFECTED: Freightliner FLD 120 and FMC 120 (steel 112 or FLC 112, not CC) model vehicles manufactured between June 1, 1997, and December 31, 1997, and equipped with Haldex manifold dash valves (MDV).

GENERAL INFORMATION

These work instructions contain the following three sections:

- Brake Valve Replacement (left-hand drive vehicles)
- Brake Valve Replacement (right-hand drive vehicles)
- System Testing

BRAKE VALVE REPLACEMENT (left-hand drive vehicles)

1. Park the vehicle on a level surface, shut down the engine, and chock the tires. Check the vehicle for a completion sticker (Form W-147). If a sticker is not found, proceed to the next step.

If the completion sticker is found, no further work is necessary. Remove the chocks.

2. Drain the air reservoirs.
3. Remove the center dash panel screws and remove the dash panel cover. See Fig. 1.
4. If necessary, remove the park brake and trailer brake valve knobs. The knobs may be secured with roll pins. See Fig. 2.

NOTE: The radio and dash panel are installed with #8 and #10 screws.

5. Remove the radio from the dash.
6. Remove the screws from the dash panel and pull the panel away from the dash.

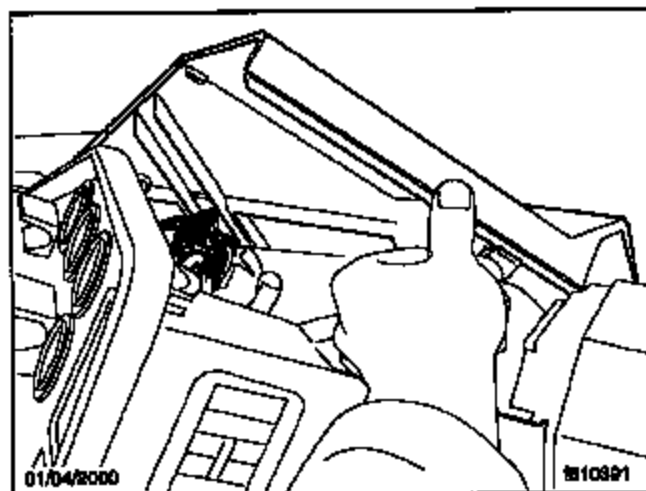


Fig. 1, Remove the Center Dash Panel Cover

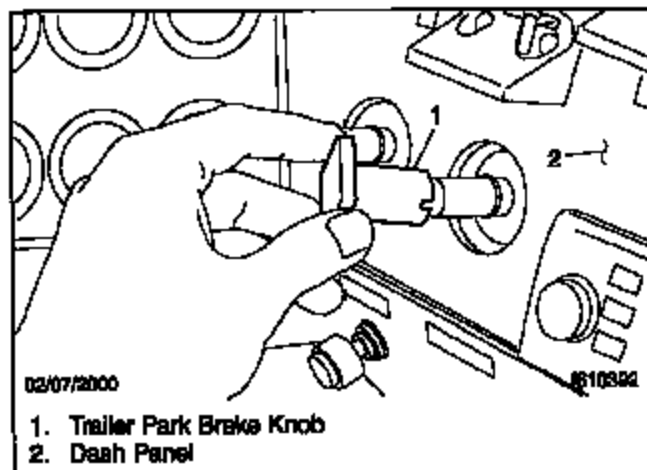


Fig. 2, Remove the Valve Knobs

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NOTE: It may be necessary to remove the valve mounting bolts to move the valve around in order to remove the air lines.

7. Mark and remove all airlines from the brake valve.
8. If not completed in the previous step, remove the four bolts securing the valve to the dash bracket and remove the valve. See Fig. 3. Retain the bolts.
9. Place the new valve into position and secure it on the bracket using the four bolts removed in the previous step.
10. If necessary, remove the knobs before installing the valve.
11. Install the airlines as marked.
12. If necessary, install the knobs onto the new valve, as shown in Fig. 4.
13. Test the valves following the system-testing procedure at the end of these work instructions.
14. Install the center dash panel and screws.
15. Install the radio.
16. Clean an area on the passenger's door jamb and attach a completion sticker (Form W-147). The sticker should reference the modification number and the date the work is performed.
17. Remove the chocks.

BRAKE VALVE REPLACEMENT (right-hand drive vehicles)

1. Park the vehicle on a level surface, shut down the engine, and chock the tires. Check the vehicle for a completion sticker (Form W-147). If a sticker is not found, proceed to the next step.
If the completion sticker is found, no further work is necessary. Remove the chocks.
2. Drain the air reservoirs.

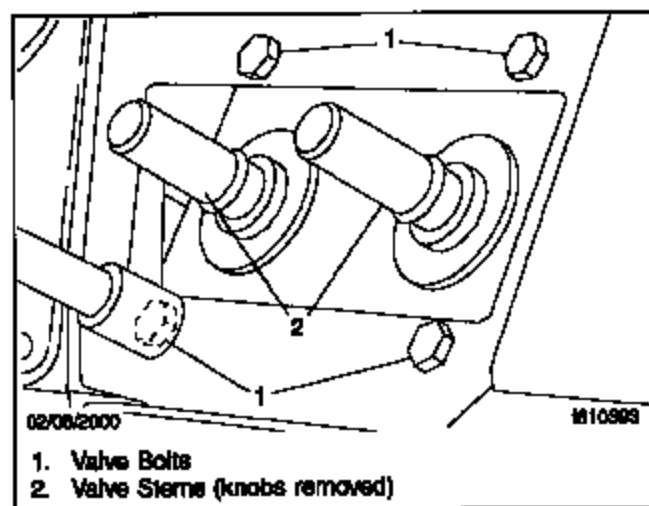


Fig. 3, Valve and Mounting Bolts

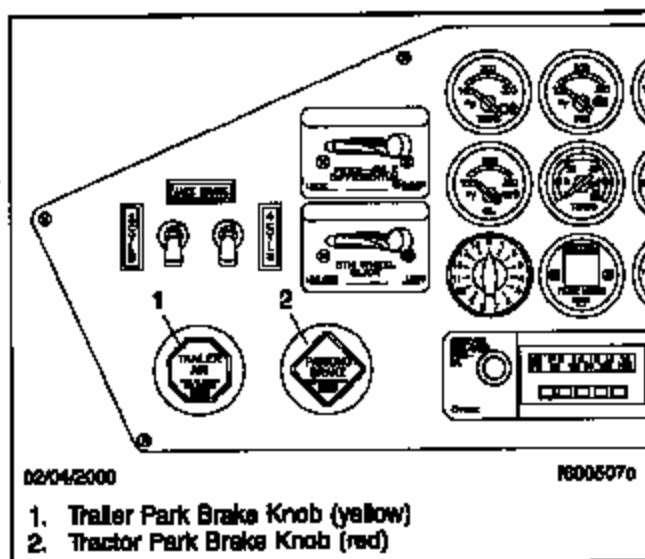


Fig. 4, Center Dash Panel

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3. Remove all screws securing the center dash panel. Screws are located on the panel above the park brake valve (Fig. 6) and around the side and below the panel trim.
4. Pull the panel forward, exposing the valve mounting bracket. See Fig. 6.
5. Mark and remove the air lines from the park brake valve. Be sure they are accurately marked for later installation of the new valve.
6. Remove the mounting bolts securing the valve to the bracket and remove the valve. See Fig. 7.
7. Place the new valve into position and secure it on the bracket using the four bolts removed in the previous step.
8. Install the airlines as marked for valve removal.
9. Test the valves following the system-testing procedure at the end of these work instructions.
10. Install the center dash panel and screws.
11. Clean an area on the passenger's door jamb and attach a completion sticker (Form W-147). The sticker should reference the modification number and the date the work is performed.
12. Remove the chocks.

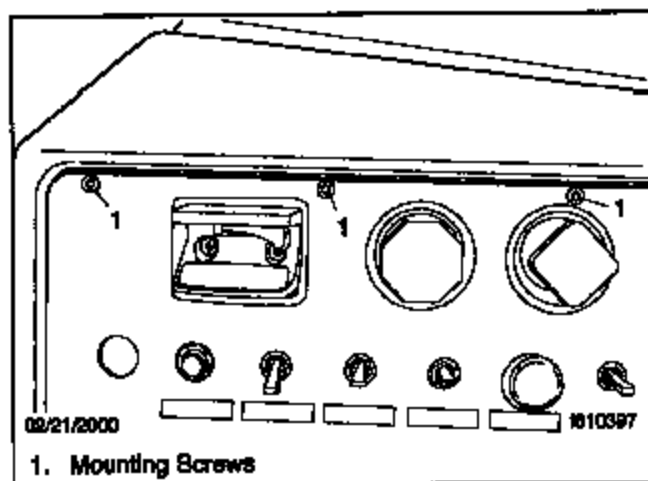


Fig. 6, Center Dash Panel (right-hand drive)

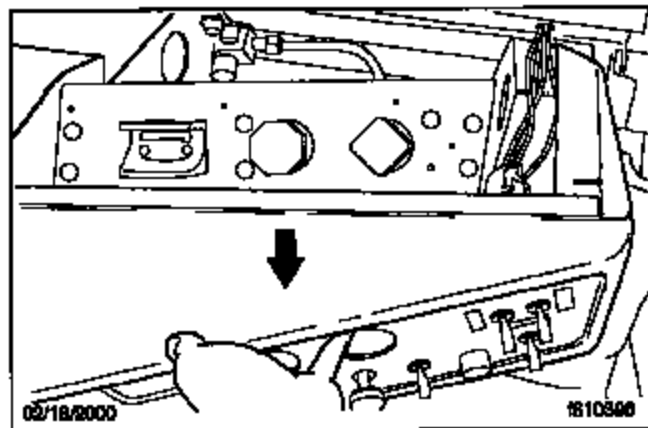


Fig. 6, Remove the Dash Panel

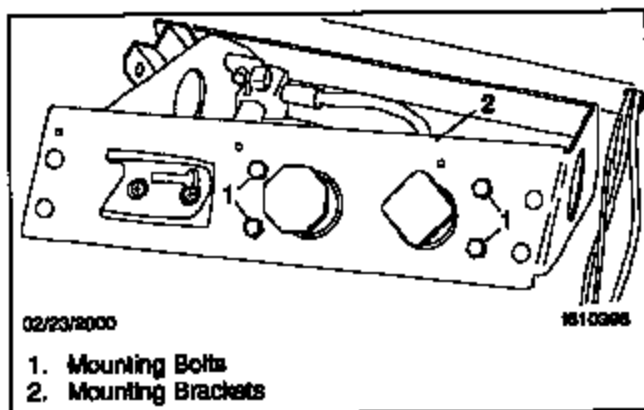


Fig. 7, Park Brake Valve and Mounting Bracket

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SYSTEM TESTING

1. Start the engine and charge the air system to 120 psi (827 kPa). Shut down the engine.
2. Apply a soap-and-water solution to check for leakage between the body and cover plate. No leakage is permitted.
3. Push in the red knob. The knob must stay in. Leakage at the valve stem or exhaust port must not exceed a 1-inch (25-mm) bubble in 3 seconds.
4. Slowly reduce pressure in both service reservoirs. The red knob must pop out at 35 to 45 psi (241 to 310 kPa) and maintain the supply pressure. Leakage at the exhaust port must not exceed a 1-inch (25-mm) bubble in 5 seconds.
5. Hold the red knob in and continue to reduce pressure in all service reservoirs. Air must start to escape from the exhaust port when the trailer line pressure reaches 20 to 35 psi (138 to 241 kPa).
6. Release the red knob and rebuild the supply pressure to 120 psi (827 kPa). Push in the yellow knob; the yellow knob must remain in. Leakage at the valve stem or exhaust port should not exceed a 1-inch (25-mm) bubble in 5 seconds.
7. Pull the red knob out. Slowly reduce pressure in all service reservoirs. The yellow knob must pop out at 20 to 30 psi (138 to 207 kPa) and maintain supply pressure. Leakage at the exhaust port should not exceed a 1-inch (25-mm) bubble in 5 seconds.
8. After testing, continue installation following the steps in the appropriate section of these work instructions.